

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000685.D
 Acq On : 12 Oct 2019 22:23
 Operator : JU
 Sample : K5266-14RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-C RE

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:08:10 AM

Quant Time: Oct 14 06:24:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	255775	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	909922	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	511252	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	935337	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	798958	20.00	ng	-0.01
87) Perylene-d12	15.45	264	882801	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	561292	35.27	ng	-0.02
7) Phenol-d6	6.39	99	875828	45.68	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1377594	92.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	178468	32.76	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2586484	81.86	ng	-0.02
79) Terphenyl-d14	12.90	244	3039522	77.03	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	76097	3.876	ng	92
50) Dimethylphthalate	9.51	163	470822	13.254	ng	100
71) Phenanthrene	11.32	178	110572	2.354	ng	99
75) Fluoranthene	12.52	202	154385	2.926	ng	99
78) Pyrene	12.75	202	147704	2.680	ng	99
88) Benzo(b)fluoranthene	15.02	252	104068m	2.078	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

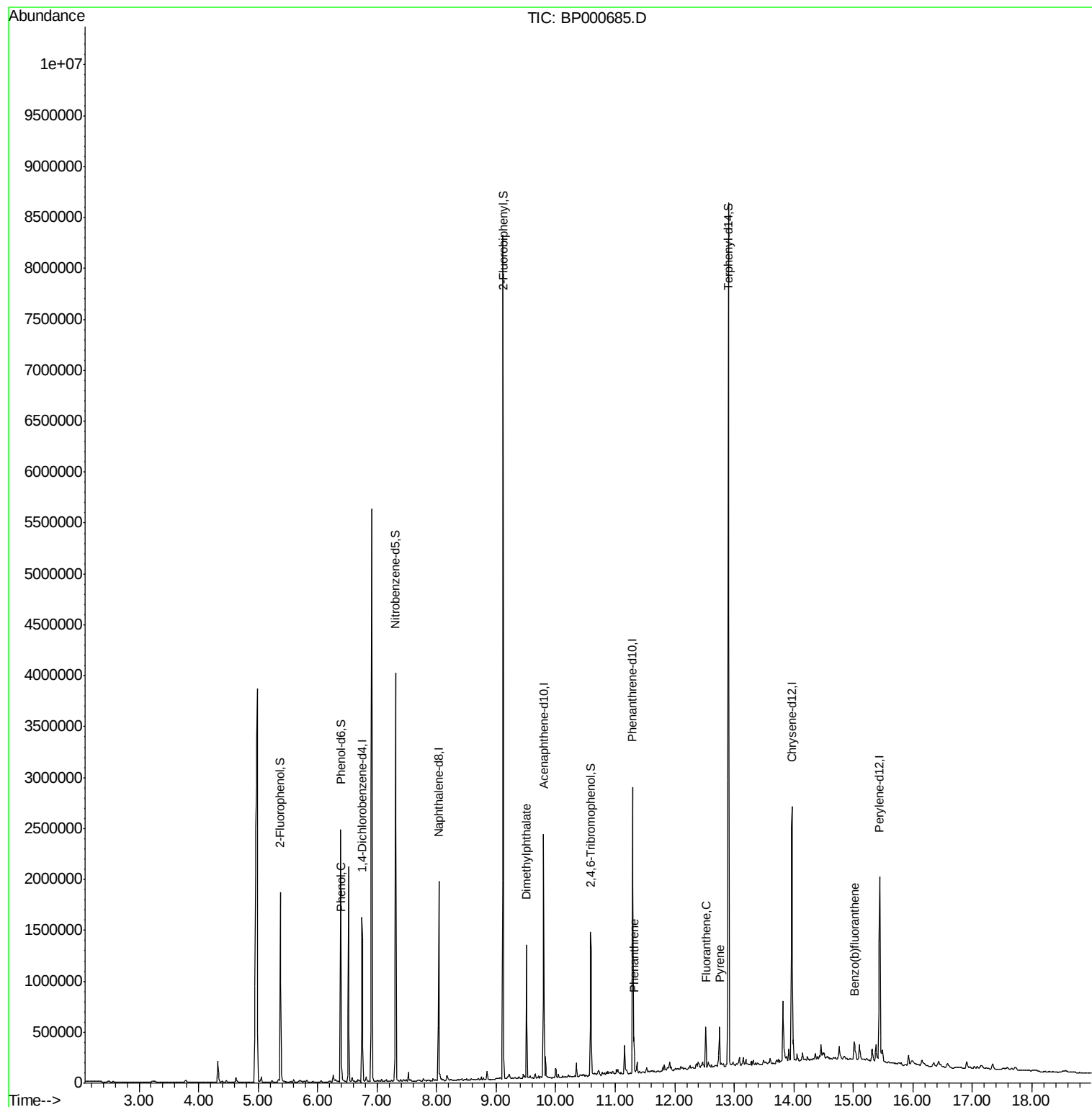
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000685.D
Acq On : 12 Oct 2019 22:23
Operator : JU
Sample : K5266-14RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

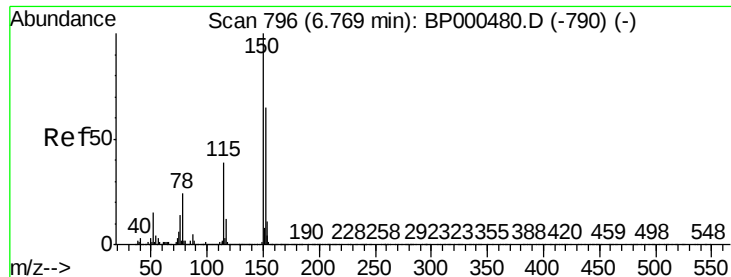
Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:10 AM

Quant Time: Oct 14 06:24:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration





#1

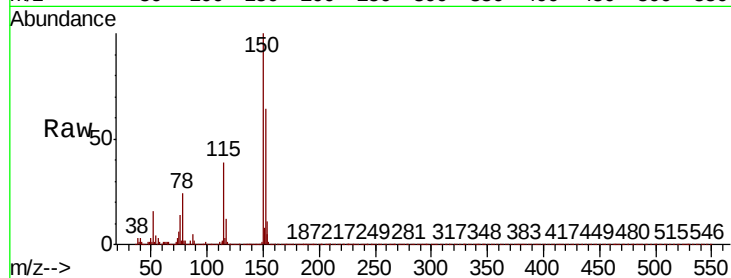
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Resp	Lower	Upper
152	100	255775		
150	155.9	124.1	186.1	
115	60.6	48.7	73.1	

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:10 AM

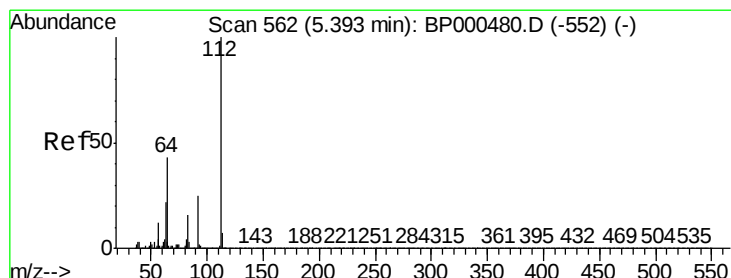
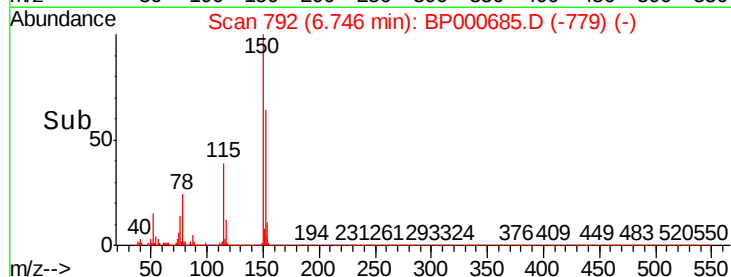
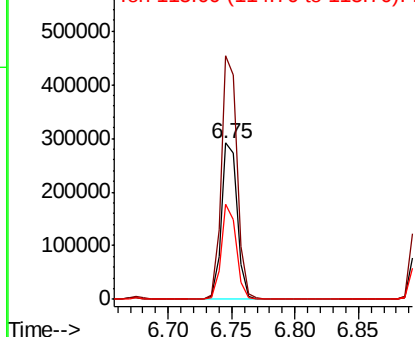


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

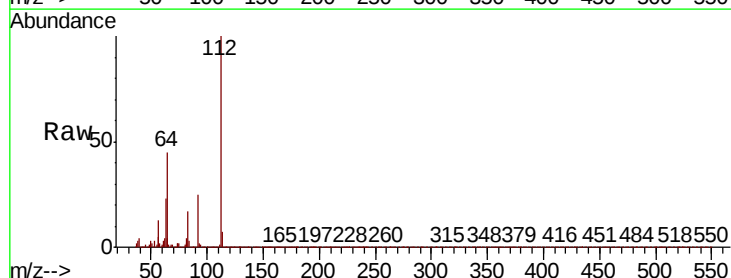
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 35.275 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	561292		
64	45.4	34.2	51.4	
63	23.0	17.9	26.9	

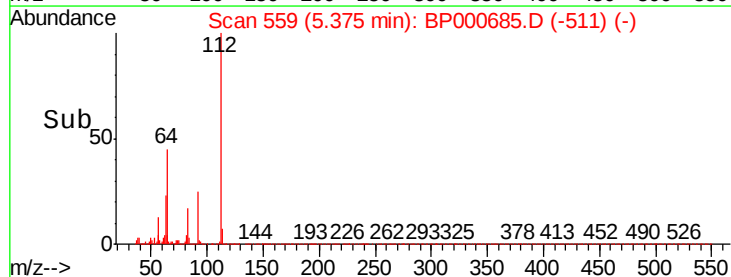
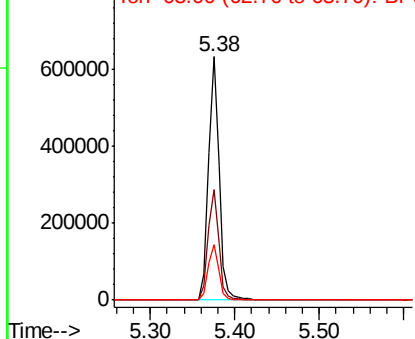


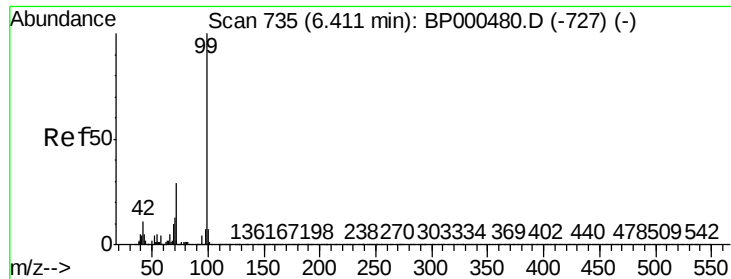
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 45.677 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000685.D

Acq: 12 Oct 2019 22:23

Instrument :

BNA_P

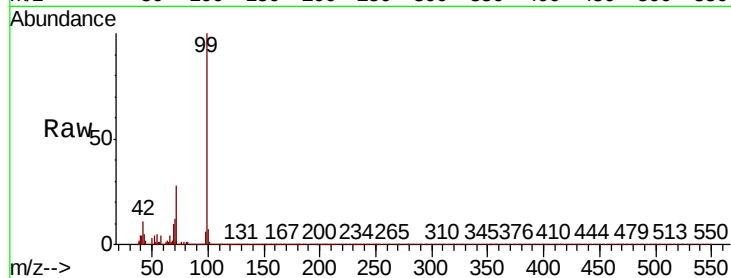
ClientSampleId :

AMENDED-COMPOSITE-C RE

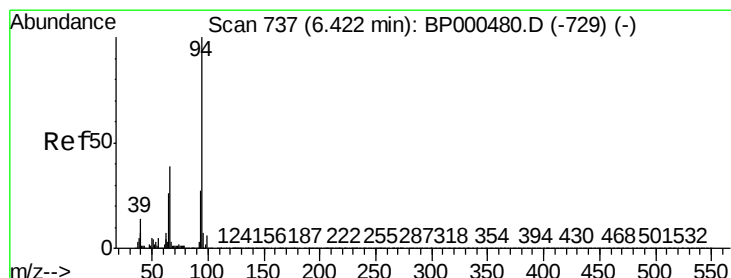
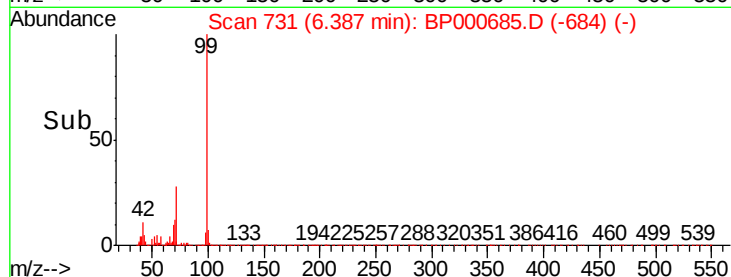
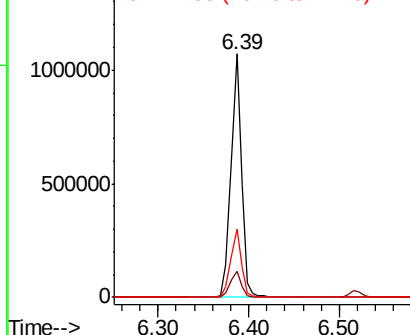
Tot Ion:	99	Resp:	875828
Ion Ratio	Lower	Upper	
99	100		
42	10.7	8.6	12.8
71	27.9	23.0	34.4

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:10 AM



Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 3.876 ng

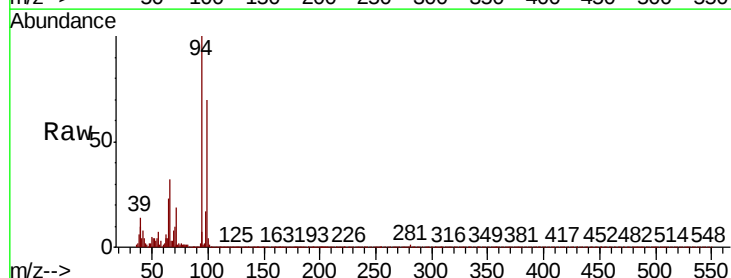
RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

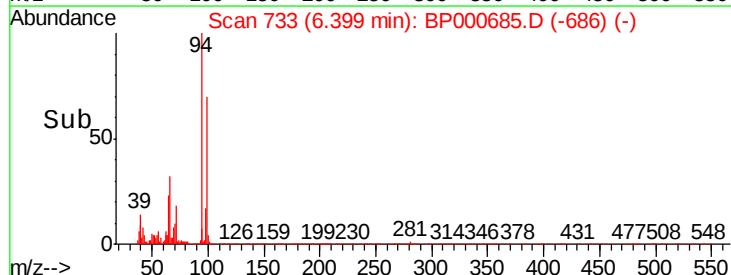
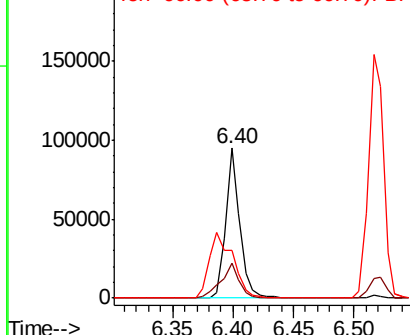
Lab File: BP000685.D

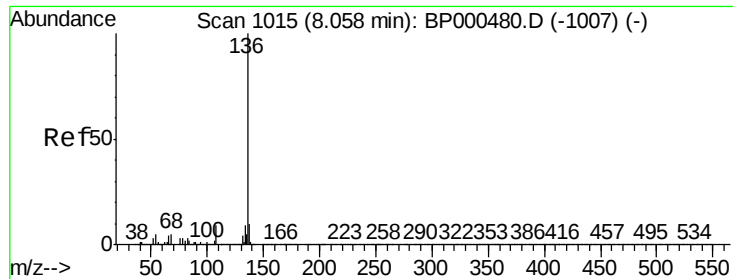
Acq: 12 Oct 2019 22:23

Tgt Ion:	94	Resp:	76097
Ion Ratio	Lower	Upper	
94	100		
65	23.4	5.9	45.9
66	32.2	18.8	58.8



Abundance Ion 94.00 (93.70 to 94.70): BP0
Ion 65.00 (64.70 to 65.70): BP0
Ion 66.00 (65.70 to 66.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BP000685.D

Acq: 12 Oct 2019 22:23

Instrument :

BNA_P

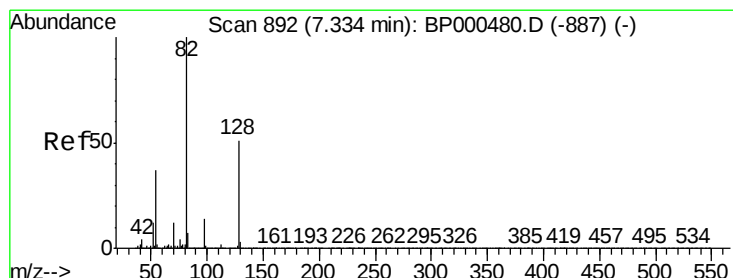
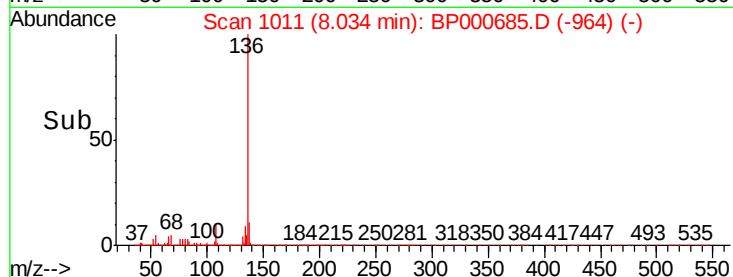
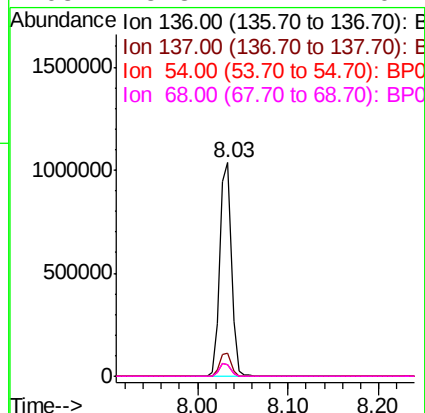
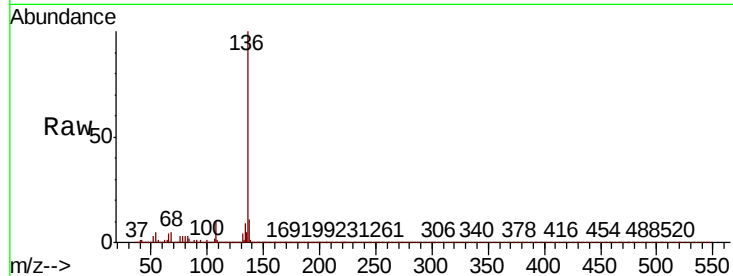
ClientSampleId :

AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.2	12.4	
54	5.3	4.1	6.1	
68	5.3	4.1	6.1	

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:10 AM



#23

Nitrobenzene-d5

Concen: 92.466 ng

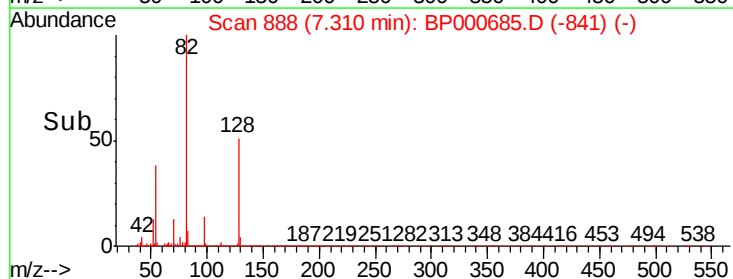
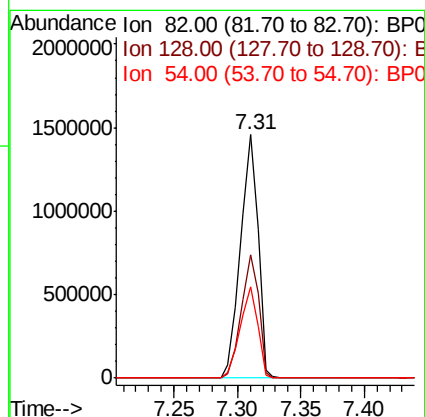
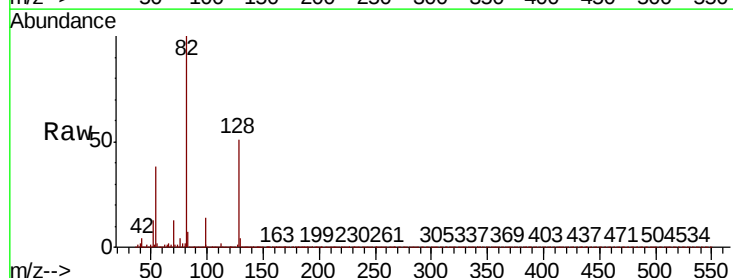
RT: 7.31 min Scan# 888

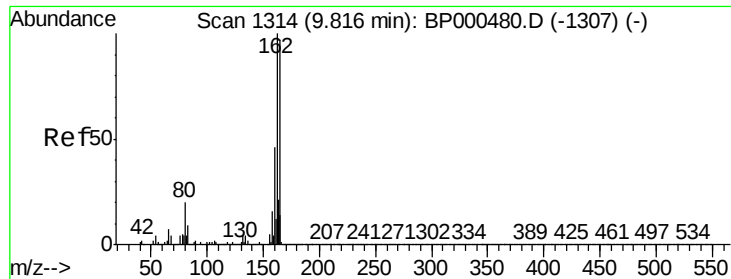
Delta R.T. -0.02 min

Lab File: BP000685.D

Acq: 12 Oct 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.7	40.9	61.3	
54	37.7	29.4	44.2	





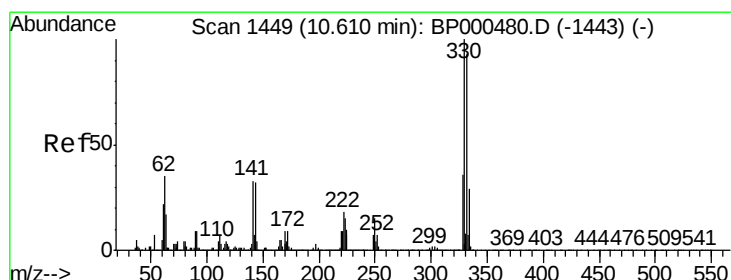
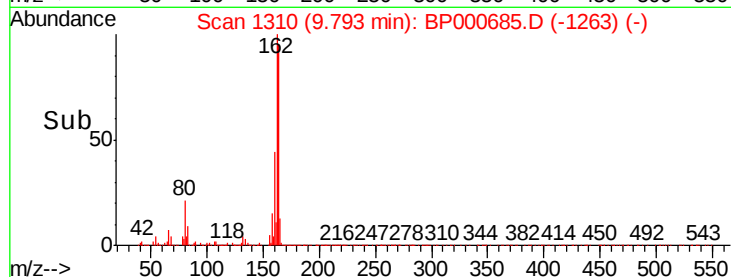
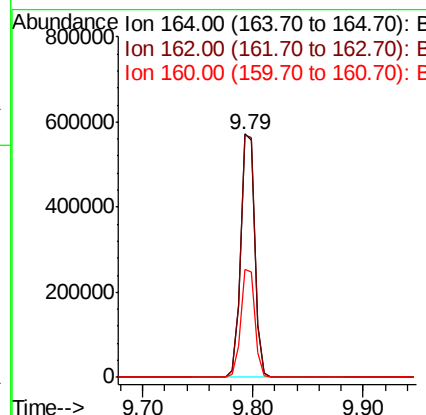
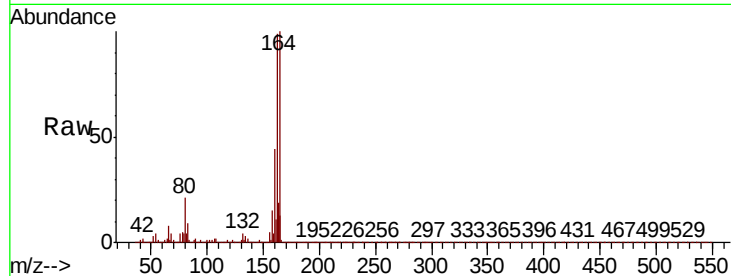
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.5	82.2	123.2	
160	44.2	37.6	56.4	

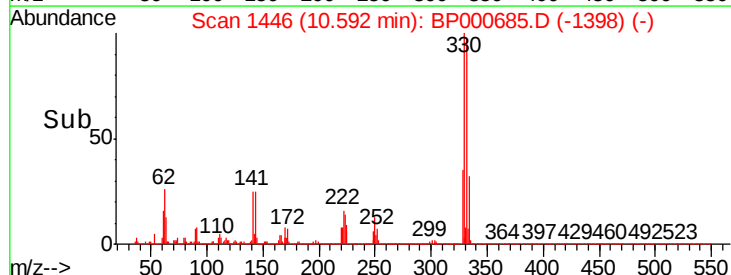
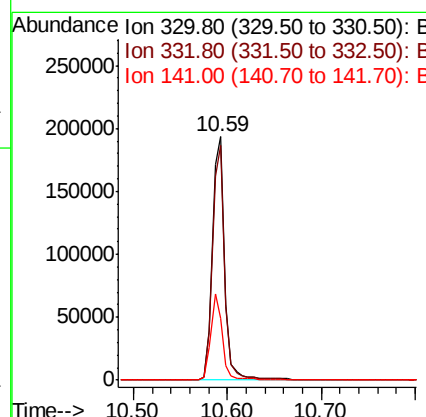
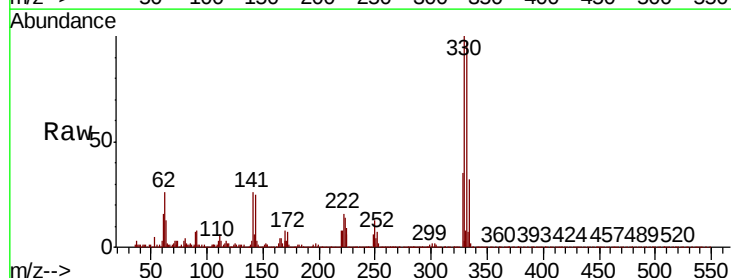
Manual Integrations
APPROVED

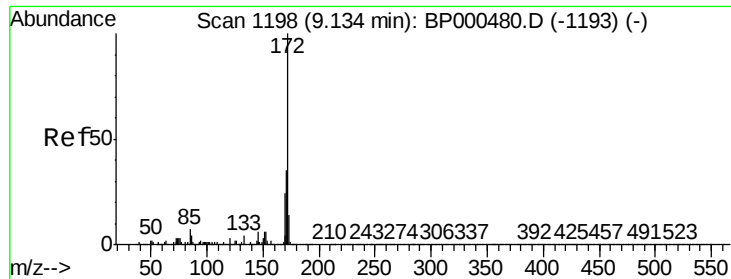
mohammad
10/16/2019 8:08:10 AM



#42
2,4,6-Tribromophenol
Concen: 32.758 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.1	115.7	
141	33.7	26.0	39.0	





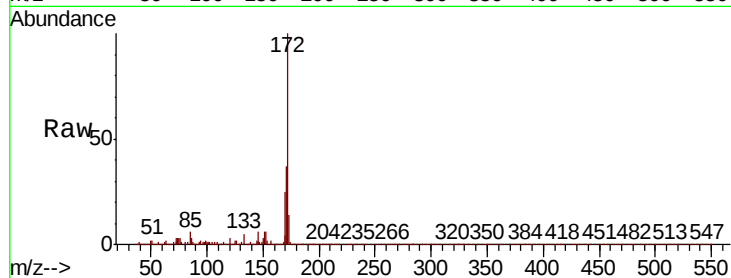
#45
2-Fluorobiphenyl
Concen: 81.856 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.4	42.6
170	24.7	19.1	28.7

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:10 AM

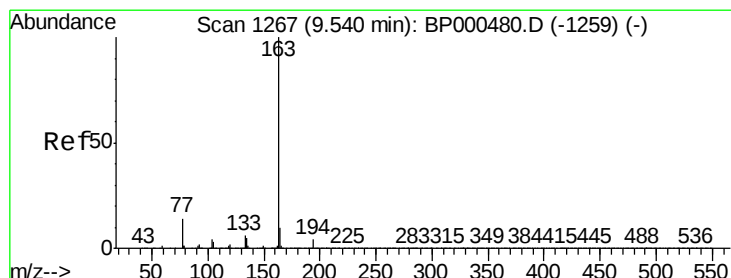
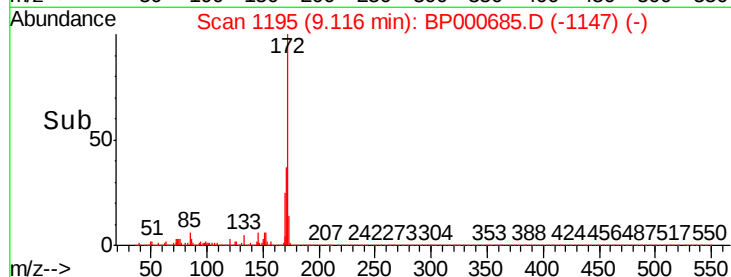
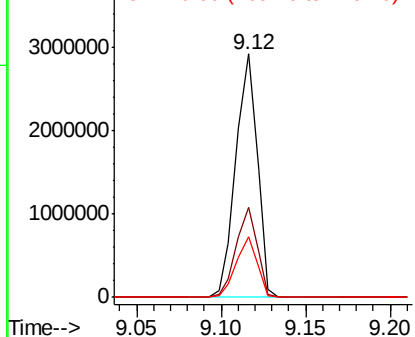


Abundance

Ion 172.00 (171.70 to 172.70): E

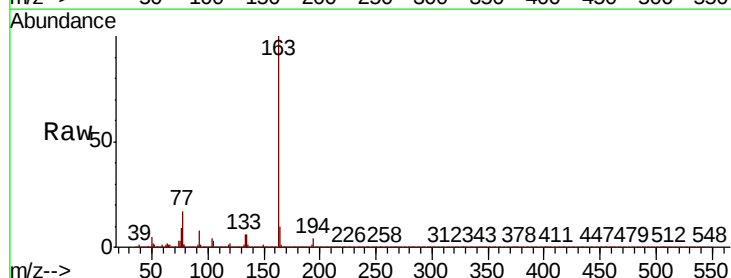
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 13.254 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.0	12.0

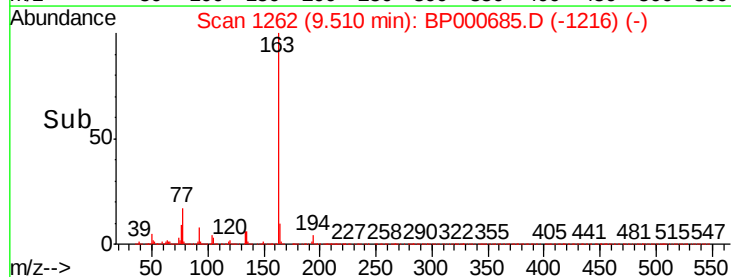
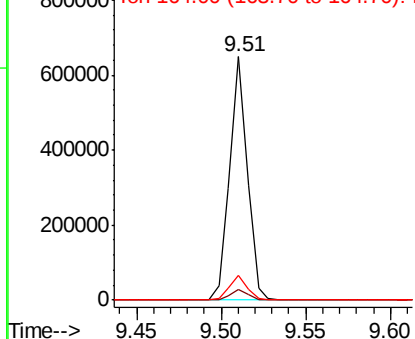


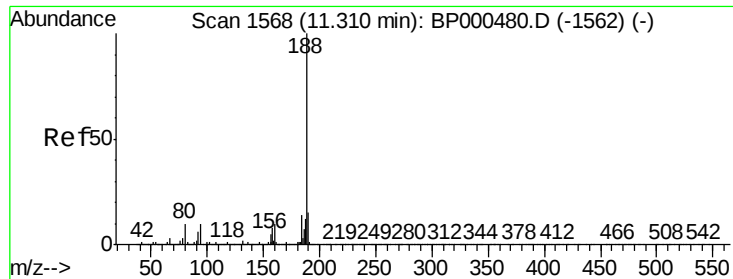
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





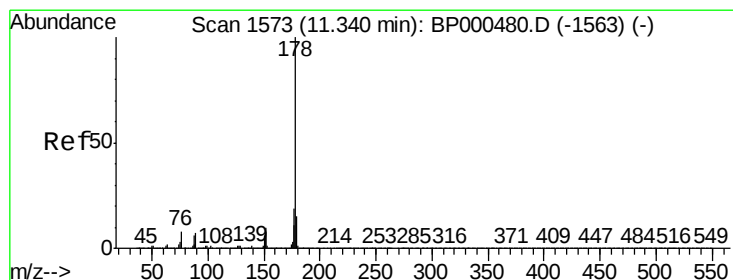
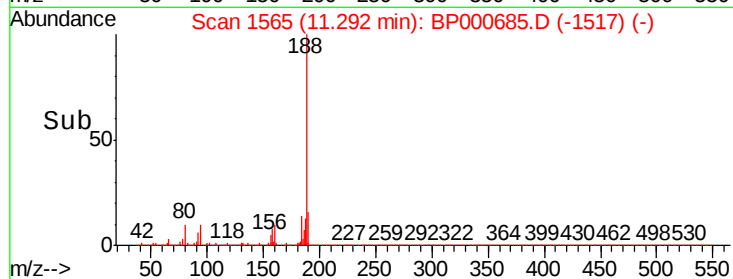
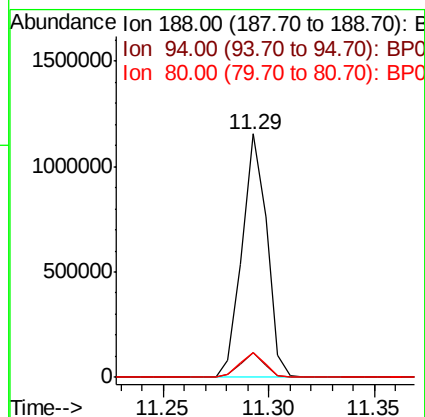
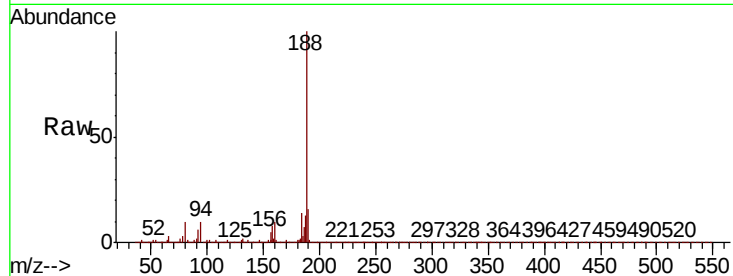
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.2	12.2
80	10.4	8.3	12.5

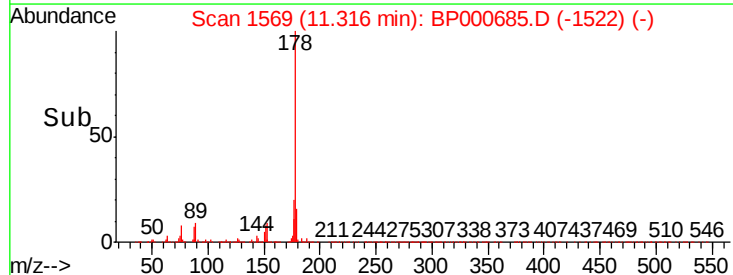
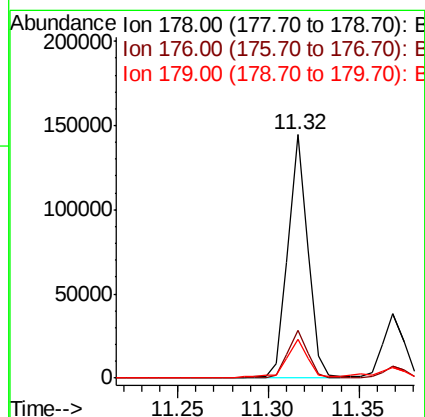
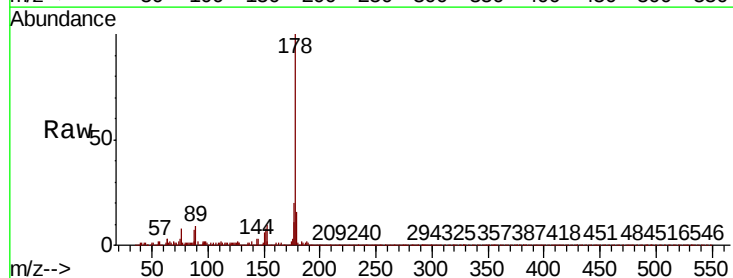
Manual Integrations
APPROVED

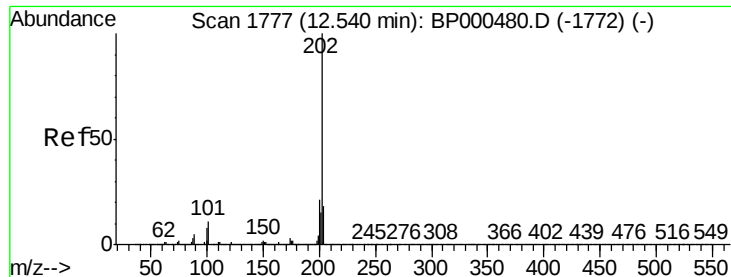
mohammad
10/16/2019 8:08:10 AM



#71
Phenanthrene
Concen: 2.354 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.0	12.2	18.4





#75

Fluoranthene

Concen: 2.926 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000685.D

Acq: 12 Oct 2019 22:23

Instrument :

BNA_P

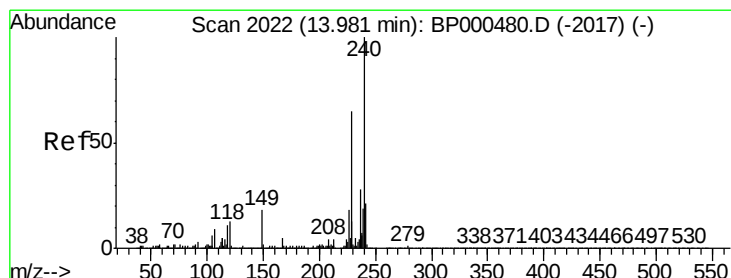
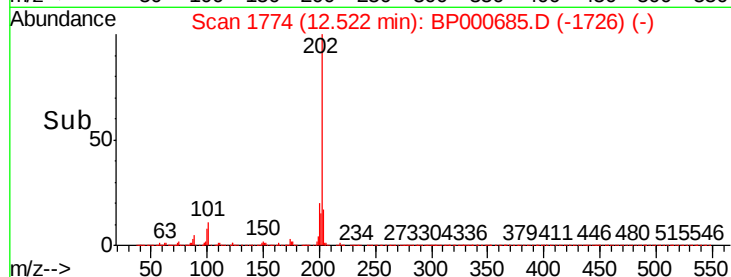
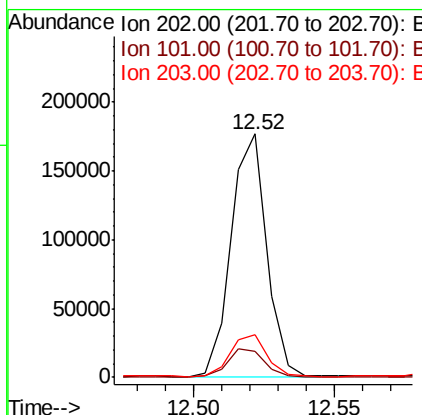
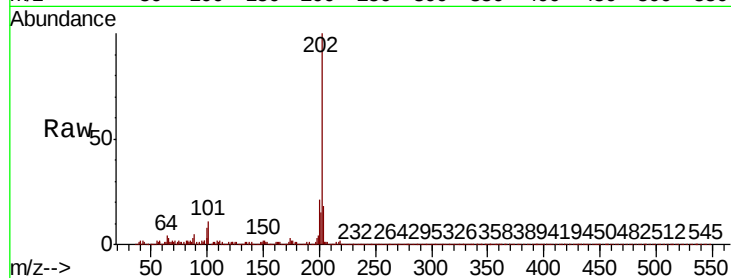
ClientSampleId :

AMENDED-COMPOSITE-C RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.6	0.0	31.3		
203	17.7	0.0	38.1		

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:10 AM



#76

Chrysene-d12

Concen: 20.000 ng

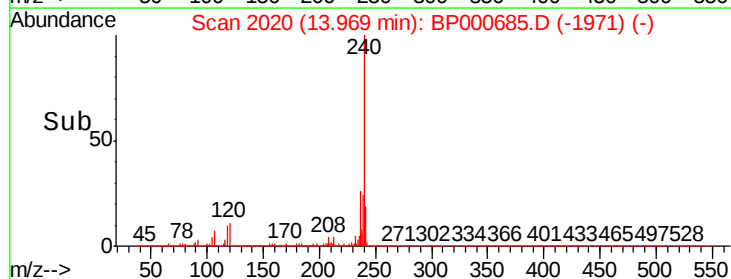
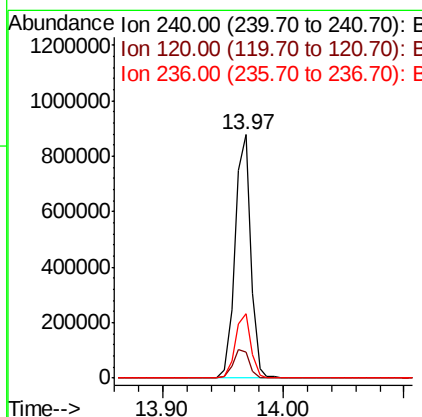
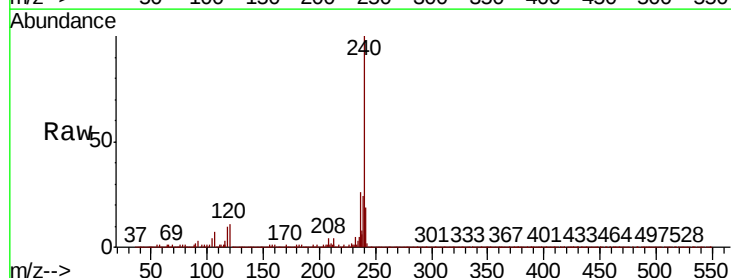
RT: 13.97 min Scan# 2020

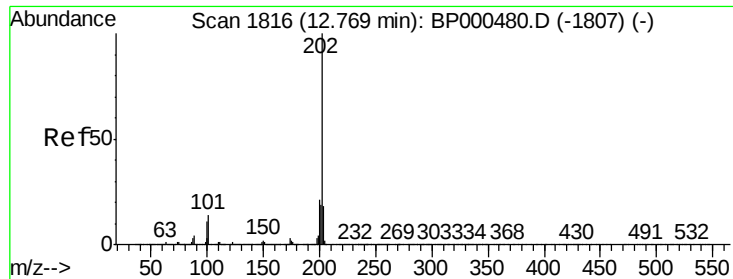
Delta R.T. -0.01 min

Lab File: BP000685.D

Acq: 12 Oct 2019 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.7	10.1	15.1		
236	26.4	22.7	34.1		





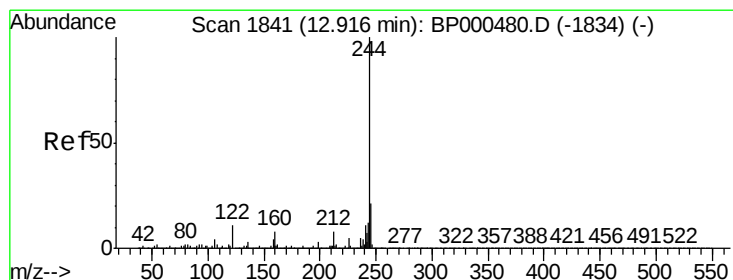
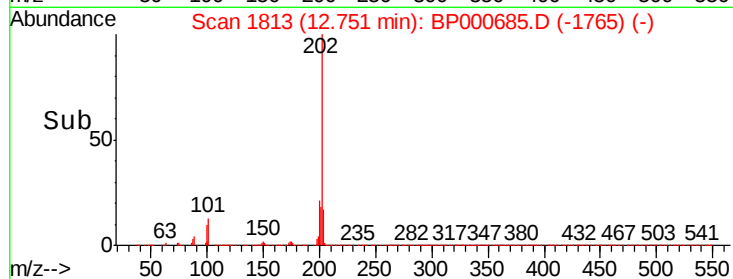
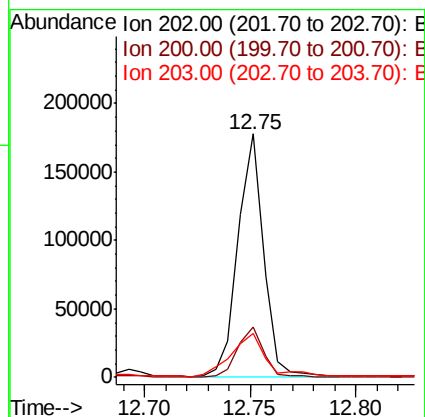
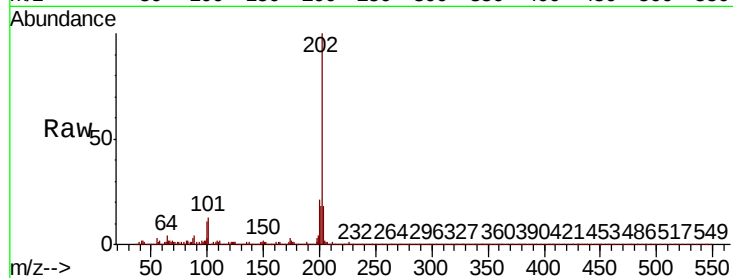
#78
Pvrene
Concen: 2.680 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.1	25.7
203	17.9	14.6	21.8

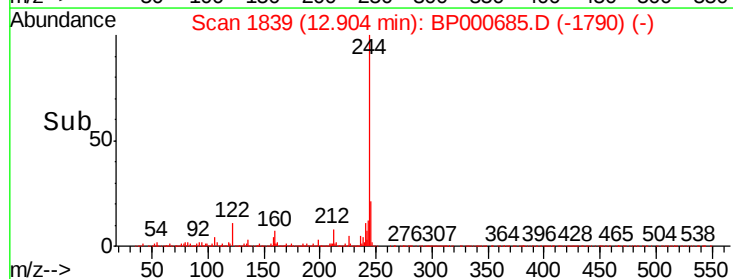
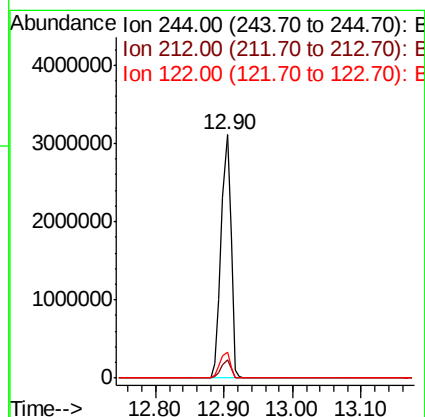
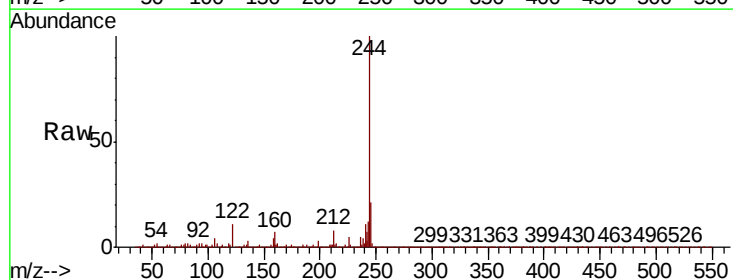
Manual Integrations
APPROVED

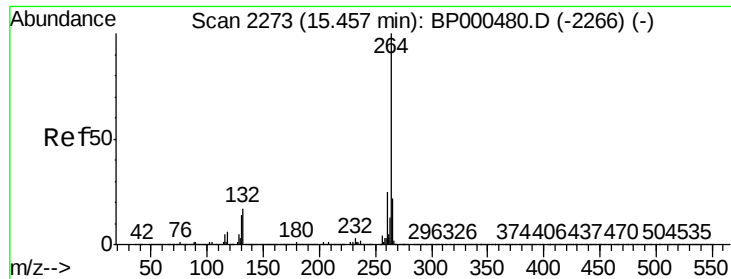
mohammad
10/16/2019 8:08:10 AM



#79
Terphenyl-d14
Concen: 77.028 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000685.D
Acq: 12 Oct 2019 22:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.0	9.0
122	10.8	8.9	13.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BP000685.D

Acq: 12 Oct 2019 22:23

Instrument :

BNA_P

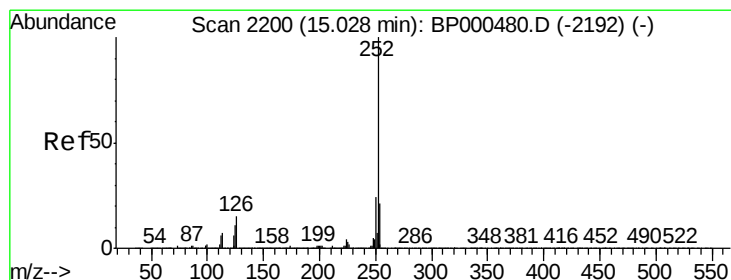
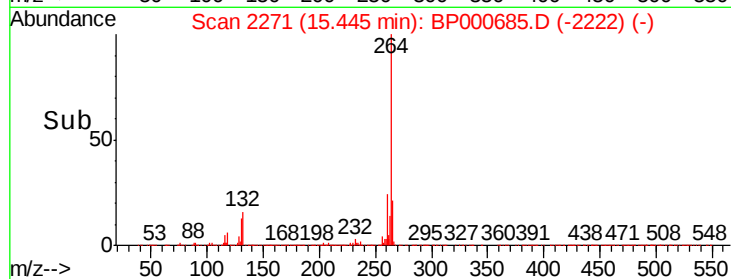
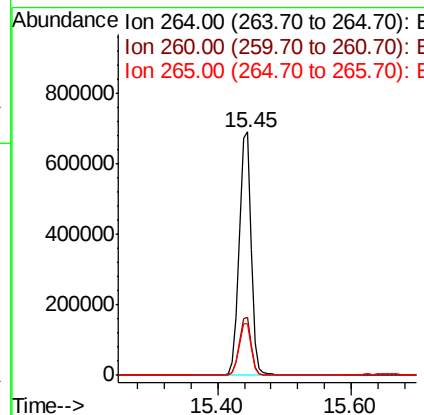
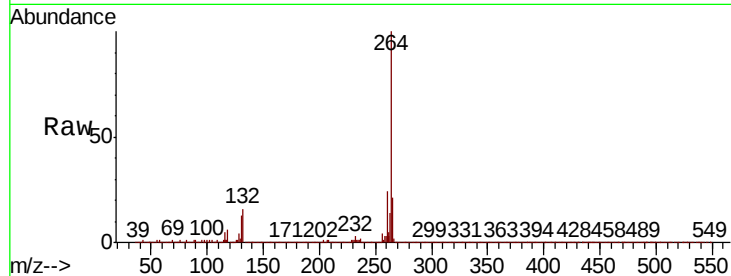
ClientSampleId :

AMENDED-COMPOSITE-C RE

Tot Ion:	264	Resp:	882801
Ion Ratio	Lower	Upper	
264	100		
260	24.1	20.3	30.5
265	21.4	18.0	27.0

Manual Integrations
APPROVED

mohammad
10/16/2019 8:08:10 AM



#88

Benzo(b)fluoranthene

Concen: 2.078 ng m

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP000685.D

Acq: 12 Oct 2019 22:23

Tgt Ion:	252	Resp:	104068
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.4
125	13.4	8.9	13.3#

